

III. *An Observation of the Eclipse of the Moon, by Arthur Dobs, Esq; at Castle-Dobbs near Carrickfergus in Ireland, Feb. the 2d, 1728-9; communicated by Oliver St. John, Esq; F.R.S.*

*Castle-Dobbs, Feb. the 8th, 1728-9.*

*Dear S I R,*

HAVING had a fine Observation of the Eclipse of the Moon which happened last *Sunday* Evening, I have sent you it to communicate to the *Royal Society*, to ascertain our Longitude here, and in other Places where it was observed.

The Observation was made by a nine Foot Glafs. Having adjusted a monthly Pendulum Clock by a Meridian Line on the 30th of *Jan.* and further corrected by the Meridian, *Feb.* the 6th 1728-9.

Hours apparent Time.

	h	'	"	
p. m. 6	27	0	- -	Penumbra observed.
	29	30	- -	Moon's Limb immersed.
	33	0	- -	{ Eastern Limit of Palus Mareotis immersed.
	35	50	- -	
	42	40	- -	Mons Climan. immersed.
	50	0	- -	Mons Porphyrites immersed.
	50	0	- -	Infula Melis immersed.
	52	40	- -	Mons Ætna immersed.
	54	20	- -	Inf. Sardinia immersed.
	56	20	- -	Inf. Rhodes immersed.
	58	0	- -	Inf. Corfica immersed.
				<sup>h</sup> 7 - 0'

Hours apparent Time.

	h	'	"	
p. m.	7	0	30	- - { Mons Sinai's, Eastern Limit immersed.
	2	0	- -	{ Mons Sinai totally immersed.
	6	50	- -	{ Inf. Besbicus, Eastern Limit immersed.
	11	50	- -	{ Mons Herminius immersed.
	13	50	- -	{ Promontory Archeroulia im.
	22	0	- -	{ Mare Caspium, Eastern Limit immersed.
	24	20	- -	{ Palus Mæotis, Eastern Limit immersed.
	27	30	- -	{ Palus Mæotis, totally immerg.
	30	15	- -	{ Moon totally immersed.
9	8	30	- -	{ Moon's Eastern Limb emer- ged near Mons Acabe.
	13	0	- -	{ Palus Mareotis emerged.
	15	0	- -	{ Mons Climian. emerged.
	23	30	- -	{ Mons Porphyrites emerged.
	29	10	- -	{ Mons Sinai emerged.
	33	30	- -	{ Mons Ætna emerged.
	49	0	- -	{ Inf. Besbicus emerged.
10	1	0	- -	{ Mare Caspium, Eastern Limit emerged.
	5	0	- -	{ Palus Mæotis emerged.
	10	0	- -	{ A Penumbra observed, the Moon's Limb emerging.
	11	0	- -	{ The Limb evidently emerged.

From the Beginning to the End of the Eclipse  $3^h 44'$   
 Totally Eclipsed —  $1^h 38' 15''$